

GB-2000

Firewall UTM Appliance Family



The GB-2000 Firewall UTM Appliance Family provides powerful enterprise level security and comprehensive features that are easy to implement and administer.

GB-2000 Key Features

- Dedicated UTM Appliance
- Powerful Traffic Management
- Flexible Implementation
- IPv6 Support
- IPSec VPN
- SSL VPN
- UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti Spam
 - URL Filtering
- Remote Access
- ICSA 4.1 Corporate Certified

GB-2000e

- Includes Hardware VPN Acceleration

GB-2000x

- Expandable up to 10 interfaces
- Optional Hardware VPN Acceleration



Flexible Unified Threat Management Implementations

The GB-2000, GB-2000e and GB-2000X are all designed for SME organizations that desire a single, dedicated appliance to handle their complex network environments and multiple Internet security zones. Gateway Sentinel and GTA's Dynamic Gateway Architecture come standard with GB-OS, which powers the GB-2000 Firewall UTM Appliance Family. Gateway Sentinel is GTA's suite of threat management products and services that includes an email proxy, Internet content filtering and a robust intrusion prevention system that can be affordably expanded with Mail Sentinel Anti-Spam subscription option, Mail Sentinel Anti-Virus option and Surf Sentinel subscription option. GTA's Dynamic Gateway Architecture includes multi-WAN failover, load sharing, policy based traffic management and dynamic routing. Powerful threat management features and flexible implementation options means the GB-2000, GB-2000e and GB-2000X Firewall UTM Appliances provide total perimeter security in a powerful, easy to use package. The GB-2000 Firewall UTM Appliance Family meets ICSA 4.1 Corporate criteria.

Performance

The GB-2000 Firewall UTM Appliance Family utilizes increased processing power to handle high volume of network traffic with ease. Features in GTA's Dynamic Gateway Architecture such as load balancing, policy based routing and gateway failover provide additional power and flexibility.

VPN Features

Industry standard IPSec virtual private networking is integrated into all members of the GB-2000 Firewall UTM Appliance Family. Setting up a secure site-to-site VPN or allowing mobile user access is an easy, intuitive process using the GB-OS VPN Setup Wizard.

The GB-2000e includes hardware VPN acceleration for those organizations with large demands for their VPN connectivity.

GB-2000X Expandability

The GB-2000X provides flexible implementation options through hardware expandability. The GB-2000X can support up to a maximum of ten high-speed Ethernet interfaces and/or VPN acceleration.

- **Two Port 10/100/1000 Expansion Card**
Expands the GB-2000X by adding two additional 10/100/1000 Ethernet ports.
- **Four Port 10/100 Expansion Card**
Expands the GB-2000X by adding four additional 10/100 Ethernet ports.
- **Hardware VPN Acceleration**
The GTA VPN Acceleration Card off-loads the processing of time-consuming encryption algorithms that can impact system performance.

Remote Access - SSL Sentinel

Remote access is available with the GTA Mobile IPSec VPN Client, PPTP, L2TP, SSL Browser and SSL Client. Easy to install and setup, these options allow remote workers to securely access protected networks.

UTM Features

Unlock the GB-2000 Firewall UTM Appliance Family's full UTM capabilities with the following features:

Intrusion Prevention System

GTA's IPS compares data packets to over 4000 signature-based policy definitions to recognize attacks and protect against network anomalies. IPS carefully analyzes traffic and automatically blocks attacks before they can reach the network. IPS configuration options include the selection of protected services and the handling of suspect packets.

Mail Sentinel Anti-Virus

The Mail Sentinel Anti-Virus option provides real-time virus and malware scanning of email against a database of nearly 100,000 virus definitions.

Mail Sentinel Anti-Spam

Mail Sentinel Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for the GB-2000's email proxy.

Surf Sentinel

Surf Sentinel content filtering subscription option allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate web sites based on over 70 category ratings.

GB-2000

Firewall Modes & System Features

- 128,000 Concurrent Connections (unrestricted users)
- Unrestricted Allowed Hosts
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Static Routing
- Configuration Objects
- High Availability Option

Networking & Connectivity

- Dynamic Gateway Architecture
- Gateway Failover Selector
 - Multiple WAN Link Support
- VLAN
- Load Balancing
- Link Aggregation
- PPP
- PPPoE
- PPTP Client
- DHCP Client
- ISDN Support
- Async Modem
- USB GSM Modem
- PAP / CHAP Authentication

VPN

- Automatic Failover
- IPSec VPN
- SSL Browser & Client
- Included GTA Mobile VPN Client License
- PPTP
- L2TP
- Encryption - DES, 3DES, AES, Blowfish and Camellia
- Authentication - SHA-1, SHA-2, MD5
- VPN Certificate or Pre-shared Secret Authentication
- Hub and Spoke VPN Support
- Manual Key and Auto IKE
- Aggressive Mode
- NAT Through VPN

Services

- Network Time Service
- DHCP Server
- DHCP Relay
- Dynamic DNS
- DNS Proxy / DNS Server
- SMTP Email Proxy
- Multiple Email Domains Supported
- HTTP Proxy
 - Traditional and Transparent

Traffic Management

- Traffic Shaping
 - BGP, OSPF, RIP v1,v2
- Policy Based Routing
 - Source, Destination, Port and Address
- Bandwidth Management

URL Content Filtering

- Local Content Lists
- Access Control Lists
- Time Based Policies
- Block Java, JavaScript and ActiveX

Firewall Management

- Web and Console User Interfaces
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates

Intrusion & DoS Prevention

- Customizable IPS Policies
- Alarm Coalescing
- IP Spoofing Protection
- DoS Prevention and Alerting
- Customizable Alarm Thresholds
- Email and SMS Alarm Notifications

User Authentication

- Firewall Authentication with GBAuth, LDAP & RADIUS
- IPSec VPN Authentication
- Active Directory Single Sign-On

Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status

Mail Sentinel Anti-Virus Option

- Automatic Virus Definition Updates
- Block Email by File Size
- Reject or Quarantine Virus Email
- Subject Line Tagging of Virus Email

Mail Sentinel Anti-Spam Subscription Option

- Multiple Category Rating System
- Subject Line Tagging by Category
- Reject or Quarantine by Category
- User-defined White and Black Lists
- Greylisting
- Automatic Rule Updates

Surf Sentinel Subscription Option

- 70+ Category Ratings
- Automatic URL Catalog Updates

Certifications and Compliance

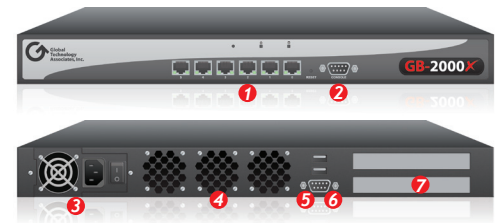
- FCC / CE
- UL - USA and Canada
- RoHS
- ICSA 4.1 Corporate Certified

Hardware Specifications

CPU Speed	2.0 GHz
RAM & Flash Memory	256 MB RAM, 2 GB CF
USB Ports	Two (2)
10/100 Ethernet NICs (GB-2000/e)	Four(4)
10/100 Ethernet NICs (GB-2000X)	Six (6)
Maximum Ethernet NICs (GB-2000X)	Ten (10)
Power Supply	One (1)

Physical Specifications

Width x Depth x Height	16.87" x 14.17" x 1.73"
Weight (GB-2000/e)	10.5 lbs (4.76 kg)
Weight (GB-2000X)	12.5 lbs (5.76 kg)
Operating Temperature	5-40° C
Humidity	20-90% RH, Non-condensing
AC Input Voltage	110-240 VAC/50-60 Hz
Rack Mountable	1-RU Unit



1. 10/100 Mb/s NIC Ports
 2. DB-9 Serial Interface
 3. Internal Power Supply
 4. Three Hardware Cooling Fans
 5. Two USB Ports
 6. DB-9 Serial Interface
 7. Two Expansion Slots (GB-2000X Only)
- Note: The GB-2000X is displayed

Product Part Numbers

- GB-2000 Firewall UTM Appliance Unrestricted Users
 - FAS400-9999-00000
- GB-2000e Firewall UTM Appliance Unrestricted Users
 - FAS4E0-9999-00000
- GB-2000X Firewall UTM Appliance Unrestricted Users
 - FAS4X0-9999-00000



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